

FORM PTO-1449

## LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
03887.0002.NPUS00SERIAL NO. JUL 15 2002  
10/051,956APPLICANT:  
Larry Mobraaten et al.FILING DATE:  
January 16, 2002GROUP:  
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JUL 15 2002  
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RRS	AA	4,589,402	05/20/86	Hodgen et al.	128	1	07/26/84
	AB	4,599,227	07/08/86	Dees et al.	424	38	11/07/83
	AC	4,845,077	07/04/89	Hodgen	514	2	07/09/87
	AD	5,162,306	11/10/92	Donaldson	514	12	03/08/91
	AE	5,272,086	12/21/93	Pineda et al.	435	297.1	11/25/97
	AF	5,585,234	04/15/94	Naz et al.	435	2	04/15/94
	AG	5,627,066	05/06/97	Gordon	435	2	04/31/95
	AH	5,693,534	12/02/97	Alak et al.	435	366	06/05/95
	AI	5,882,928	03/16/99	Moses	435	375	03/27/97
	AJ	5,959,075	09/28/99	Lok et al.	530	303	08/01/97
	AK	6,071,689	06/06/00	Seidel et al.	435	2	01/29/98
	AL	6,132,952	10/17/00	Cohen et al.	435	2	06/01/98
	AM	6,196,965	03/06/01	Purdum	600	34	05/21/99
RRS	AN	6,281,013	08/28/01	Grondahl	435	363	03/20/00

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATI YES NO
RRS	AO	WO 00/32140	06/08/00	PCT			- X
RRS	AP	WO 01/49204 A1	07/12/01	PCT			- X

EXAMINER: Examiner	RRS	DATE CONSIDERED:	2/19/04
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P28	BE	Nakagata, N., M. Okamoto, O. Ueda and H. Suzuki (1997) Positive effect of partial zona-pellucida dissection on the in vitro fertilizing capacity of cryopreserved C57BL/6J transgenic mouse spermatozoa of low motility. <i>Biol. Reprod.</i> 57:1050-55.
		Odawara, Y. and A. Lopata (1989) A zona opening procedure for imporving in vitro fertilization at low sperm concentrations: a mouse model. <i>Fert. Steril.</i> 51:699-704.
P28	BG	Odawara, Y., K. Matsumoto, S. Shinozuka, K. Kusuhara and Y. Terashima (1995) Zona manipulation in an assisted reproductive technologies (ART) programme. <i>J. Obstet. Gynaecol.</i> 21:83-8.
		Quinn, P., Kerin, J.F. and G.M. Warnes. (1985) Improved pregnancy rate in human in vitro fertilization with the use of a medium based on the composition of human tubal fluid. <i>Fertil. Steril.</i> 44:493-8.
P28	BH	Reetz, I.C., M. Wullenweber-Schmidt, V. Kraft and H.J. Hedrich. (1988) <i>Lab. Anim. Sci.</i> 38:696-701.
		Sharp, J. and L. Mobraaten (1997) To save or not to save: the role of repositories in a period of rapidly expanding development of genetically engineered strains of mice. In <i>Transgenic Animals: Generation and Use</i> , L.-M. Houdebine, Editor, Harwood Academic Publishers, Switzerland, pp. 525-32.
P28	BK	Sharp, J., C. Linder and L. Mobraaten. (2001) Genetically engineered mice. Husbandry and resources. <i>Methods Mol. Biol.</i> 38:661-2.
		Suzuki, H., K. Yorozu, T. Watanabe, M. Nakura and J. Adachi. (1996) Rederivation of mice by means of in vitro fertilization and embryo transfer. <i>Exp. Anim.</i> 45:33-8.
P28	BL	Sztein, J.M., S. Farley, A.F. Young and L.E. Mobraaten. (1997) Motility of cryopreserved mouse spermatozoa affected by temperature of collection and rate of thawing. <i>Cryobiology</i> 35:46-52.
		Sztein, J.M., J.S. Farley and L.E. Mobraaten. (2000a) In vitro fertilization with cryopreserved inbred mouse sperm. <i>Biol. Reprod.</i> 63:1774-80.
P28	BM	Sztein, J.M., M.J. O'Brien, J.S. Farley, L.E. Mobraaten and J.J. Eppig. (2000b) Rescue of oocytes from antral follicles of cryopreserved mouse ovaries: competence to undergo maturation, embryogenesis, and development to term. <i>Hum. Reprod.</i> 15:567-71.
		Sztein, J.M., K. Noble, J.S. Farley and L.E. Mobraaten. (2001) Comparison of permeating and nonpermeating cryoprotectants for mouse sperm cryopreservation. <i>Cryobiology</i> 42:28-39.
P28	BQ	Yokoyama, M., H. Akiba, M. Katsuki and T. Nomura. (1990) Production of normal young following transfer of mouse embryos obtained by in vitro fertilization using cryopreserved spermatozoa. <i>Jikken Dobutsu</i> 39:125-8. <i>Abstract only</i>

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U.S. PATENT AND TRADEMARK OFFICE  
JUL 15 2002  
1642 1800/2900

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RS	AQ	Baker, H.J. (1988) Rederivation of inbred strains of mice by means of embryo transfer. <i>Lab. Anim. Sci.</i> 38:661-2.
	AR	Critser, J.K. and L.E. Mobraaten. (2000) Cryopreservation of murine spermatozoa. <i>ILAR J.</i> 41:197-206.
	AS	Glenister, P.J., D.G. Whittingham and M.J. Wood. (1990) Genome cryopreservation – A valuable contribution to mammalian genetic research. <i>Genet. Res.</i> 56:253-258.
	AT	Glenister, P. and C. Thornton. (2000) Cryoconservation – archiving for the future. <i>Mamm. Genome</i> 11:565-71.
	AU	Gordon, J.W. and U. Dapunt. (1993) Restoration of normal implantation rates in mouse embryos with a hatching impairment by use of a new method of assisted hatching. <i>Fertility and Sterility</i> 59:1302-7.
	AV	Hogan, N. (1994) In: Manipulating the mouse embryo: A laboratory manual, Cold Spring Harbor Laboratory, Cold Spring Harbor Press, Plainview, N.Y.
	AW	Khalifa, E-A. M., M.J. Tucker and P. Hunt. (1992) Cruciate thinning of the zona pellucida for more successful enhancement of blastocyst hatching in the mouse. <i>Hum. Repro.</i> 7:532-6.
	AX	Kimura, Y., and R. Yanagimachi. (1995) Intracytoplasmic sperm injection in the mouse. <i>Biol. Reprod.</i> 52:709-20.
	AY	Mansour, R.T., C.A. Rhodes, M.A. Aboulghar, G.I. Serour and A. Kamal. (2000) Transfer of zona-free embryos improved outcome in poor prognosis patients: a prospective randomized controlled study. <i>Hum. Repro.</i> 15:1061-4.
	AZ	Mobraaten, L.E. (1986) Mouse embryo cryobanking. <i>J. In Vitro Fert. Emb. Transfer</i> 56:253-8.
	BA	Mobraaten, L.E. (1998) Cryopreservation centres: a means to archive. In <i>Novel Systems for the Study of Human Disease: From Basic Research to Applications</i> , OECD, Editor, Organisation for Economic Co-operation and Development, Paris: Rome, Italy, p. 321-8.
	BB	Morrell, J.M. (1999) Techniques of embryo transfer and facility decontamination used to improve the health and welfare of transgenic mice. <i>Lab. Animal</i> 33:201-6.
	BC	Naito, K., Y. Toyoda and R. Yanagimachi. (1992) Production of normal mice from oocytes fertilized and developed without zonae pellucidae. <i>Hum. Reprod.</i> 7:281-5.
RS	BD	Nakagata, N. and T. Takeshima (1992) Cryopreservation of mouse spermatozoa from inbred and F1 hybrid strains. <i>Jikken Dobutsu</i> 42:317-20.

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